

U. S. Department of Agriculture,

STATES RELATIONS SERVICE.

FORM M-S.

FIELD DIARY
AND
TRAVEL RECORD.

Mr. E. A. Goldman

Sept. 18 - 28, 1920

(Official title.)

Virginia
NOTICE.

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8--3681

Every officer or other employee of the Department of Agriculture conducting work while traveling will, so far as practicable, keep a diary in which will be recorded, under an appropriate date entry, a concise statement of all important matters pertaining to such work and also of any general matters that may be of interest to the Department.

This diary will be retained by the official preparing same, but will be subject to call by the administrative officers of the Department at any time.

When this book is filled another may be secured by application to the Chief of your Bureau.

D. F. Houston

Secretary of Agriculture.

8-3681

[illegible]

Sept. 18, 1920.

Left Washington, D.C., accompanied
by H. B. Oberholser at 6:20 P.M.
on N. & W. Steamboat hot boat
Southland for Norfolk.

Sept. 19, 1920

Arrived Norfolk about 8 a.m.,
met by W. L. Birsch, U.S. Game
Warden. Secured information

that we can probably get to
Dahlgren via Maryland, Delaware
and Virginia R.R. Corp. via boat
"Potomac" leaving sometime
afternoon for Drumpton on
Rappahannock River. In
afternoon a trip was made to
Elizabeth Park a short distance
out of Norfolk where the
"Seap" warden Birsch's boat
was inspected. The boat is

about 37 ft. long and
draws about $3\frac{1}{2}$ ft. of water
when running. Foot Burch
thinks she may draw four
feet at slow. Her speed is
about 8 miles maximum. She
too, according to Burch the
heavy an engine, one not
capable of giving sufficient
speed. With an engine of
lighter make, speedier type
Burch thinks she would
make a very satisfactory
boat.

Stopped at Hotel Atlantic

Sept. 20 (Mon)

Saw Commissioner Perry
St. Thomas in morning and
completed arrangement for
leaving in afternoon. Also saw

Commissioner of Game and
Inland Fisheries, Col. Seligson
who was most cordial and
gave us a very favorable
impression as a man, and
as a constructive game
conservationist. He described
methods of rearing young
quail for restocking purposes.
This work seems to be a
success the birds being hatched
and brooded by Bentam
Kearson in specially designed units.

Left Norfolk 3 P.M. by
"Boat Potomac" of M.D. Del.
to Washington for Livingston
on the Rappahannock. These
boats touch first at
Westland and then at
other river wharves including
Livingston and on up the

river as far as Appahannock.
Weather clear and beautiful,
but fairly stiff breeze blowing.
Reached Irvington about
11.30 P.M. and found lodgings
at the Irvington Beach Hotel,

Sept. 21 (Tue.)

Irvington to Littleton.

Irvington is a village of
perhaps 500 people scattered
in a loose group of houses
along and near the river.

Left Irvington at 8.42 A.M.
by rail. Met Mr. Gitt a
young fellow whose father
T.H. Gitt is involved in
merchandise - fishing on
Chincoteague, Va. which
operates along its coast
and I learned from him

might be reached by
train from Kallumare to
Franklin City and Boat
meeting train on to
Chincoteague, this route
preferred, but might also
be reached Norfolk to Cape
Charles, then by train to
McKeenway (spelling?) Ck.
and auto to Chincoteague.

Route was by a winding
road through pretty rolling
country across the
neck to Chesapeake side
across creek from Ditchley
at foot of Davis Palmer
Co. where we met Mr.
Davis. This point is
Ditchley, P.O. called Mr.
Gen Hart of Virginia
Lobster Co. 20 Cents

a boat for us, we were
soon across and met
Mr. Hurst who courteously
furnished information
and arranged us to
quarters.

On the night of 1 on a trip
on foot, and boat along beach
near Ditchley. In boat
various birds and paths several
times.

Tringa, tracks at inland
on beach near Ditchley. Stride
20 mm.

Oryzopsis, Runways, fairly
well marked in places, ~~and~~
with cuttings of grass stems
one to 3 inches in length were
noted in the belt of
Spartina pinnata along the
water.

Silt-Sand & pin, line of
these rare birds picking
about in soft ooze in a
small swamp a few feet
back from the beach, ~~and~~
identifying it as Allen's and
we watch it its motions for
some time. It would shuffle
this way and that way with
the ooze nearly the length
of its bill then stop a
moment to preen its feathers
or rub its legs, sometimes
with its bill and sometimes the
legs were rubbed together.
Watching it stop we at first
thought the bird was lame,
but it is apparently lame as
~~apparently lame as~~ ^{perhaps} due to the
difficulty of walking through

Sept. 22 (Wed)

On Board "A Brooge" "In. 3"

Fish - Commonly called
"Zurpew", and to be called
"fat backs" for their shape
along coast, also known as
"menhaden" which men say
is old name. In measurement
a fish is estimated to contain
22 cubic inches. At this time
the fish are about 10 inches
long. When caught they struggle
for less than ~~than~~ $\frac{1}{2}$ an hour
when they become motionless
in the hold.

This ^{first} morning we were in
the north side of the
Channel not far from
Cape Cod at 6 o'clock
of 15 or 20 other fishing
steamers in our vicinity. A

fairly stiff breeze was blowing,
no rain, and fishing was said
to be poor all day. We soon
ran in a few miles and
about 8 o'clock the order
was given when a school of
fin was sighted to lower
away the boats. The boats
were lowered from davits
carried on the after part of
the steamer and ranged
side by side stern with
the great net divided
between them. The net when
spread incloses a circular
space about 100 yards across,
and is about 60 ft. in width
so that it reaches to or in
many places near the bottom.
When spread it is drawn from
the bottom, lines running through

a series of raings being
used for this purpose.
A school of fish is usually
located by the dark or
brownish appearance of the
water at the surface near
a particular point and
some of the fish break
the water ~~and~~ whip the
surface with their tails.
Having located a school
it is usually a few minutes
in order to determine how
best to approach. If it is
moving the direction is noted,
also speed. It must be com-
pletely encircled or all or
most of the fish will be
likely to make their escape,
and the net must be
drawn early. This is difficult

when the water is rough
or the tide running swiftly.
One or two or a few fish
which find the direction
of an exit way lead off
the entire school. The
boat carrying the net follows
them and is led at first
side by side, at the proper
point they separate and
circling in opposite directions
pay out the net as fast
as possible until they meet
again, having completed the
circle, men like a man alone
in a boat who goes ahead
to determine the direction of
a school, standing up and
pushing instead of pulling
with the oars, leads to
block the escape of the fish

By driving them toward the
net, when the circle has
closed he rows across it
and by lifting the outer
edge of the net as
it is drawn in from its
fishing form banking up
and rowing across. The
net is gradually closed until
the fish lie in a following
portion ^{close} between the two boats.
The oarsmen then swings up
and brings them into position
at the opposite, the open
hold on her port side. A
net dipper about 3 ft. in
diameter is brought in to lay
and the fish rapidly transferred
to the hold where they are
cramped and lie in a wriggling
mass from which the water

strong bolts in the bottom
chains cut and sections of
immensity. When by the
Brooke Page after run over
1000000 per week and the
two boats fishing from the
Ditchley factory have captured
since June 1 about 22000000.

Frid. Arrived at the factory
an elevator carries the fish
the hold and drops them
into a measuring machine
they are picked up
by an endless belt and
carried at once into a
cylinder where they are
cooked. From the cooker
they pass by machinery into
a press and within a few
minutes the ^{solid} fish are
reduced and separated into
two elements - oil and "scrap".

In this position the hawk
had difficulty in getting the
head of the fish over the
claw so that he could bite
it, but finally succeeded
in nipping the fish in
the head until it appeared
to be dead when attempts were
made to eat it. The boat
was drifting at the time,
but we soon got under
way and the bird ~~was~~
~~who~~ had considerable
difficulty in maintaining his
balance, when the ^{small} boats which
were out ahead of the vessel
the hawk finally gave
up and fell off. Apparently
he dropped his fish on the
sea when leaving the vessel.
The surface of the water

some of the day away
as if it were a great
great. The whole was
lying on a table from
the

and finally, the ship
in a moment in the night
shanty, the whole was
the whole was in the hands
of above in the lower part
of the day.

Feb. 23 (Thurs)

In Saard "A Brooke Taylor".

Left Sitchley factory about
3 o'clock and the morning when
I got out we were on the
fishing ground in the lower
part of the Bay again, Weather
clear & breezy.

Rainbow, - a remarkable one
seen this morning when the
sun was still low in the
east and a fine mist or
light rain drifted over
from the north. A
complete
and brilliant rainbow with
excellent reflection appeared
and during the whole of
observation point beside the
wharf house the bow was
distinctly seen to curve
around to points close
together at the ship's
side. The bow therefore
made a nearly complete
circle the only interruption
being for a narrow space
along the ship's side a
few feet below me where

it appeared faint.

Fish - First catch about
20000 made about noon.
They got 1 food fish, but
perhaps 1/2 doz. in a haul
this one included 3 singfish,
2 butterfish, and 1 blue fish.

Last night a haul
was made of small species
about 2 ft. in length. The
net is set to windward
of the deck plume.

Proved as it is difficult
to stand against the wind
and the weather is very
calm. One of the men told
me that in June a small
school of about 200 blue
fish was caught one
day with the net.

Just that the fish was
unusual. Last year all
fish were more plentiful
and this is believed to be due
to the fact the fish got
during the war. Enough food
fishes was later according
to my colored informant
to make some of the men
to occasionally take fish
home at the end of the
week to their families, but
this year they have been
much scarcer.

Next day we got all day
and the fish were very
plentiful. The fish were
about 20000 of the

Sept. 24 (Fri.)
in board "A. Brooke Taylor"
Heavy fog when I got on
at 11:00 AM. " " "

nothing drifting by proper
it is - no wind and water
very smooth,

Further to the above, I have
sent a copy of father's affidavit
to the court.

In the Pilch? sawback
 hairback, kayak - names of a
 fish of which a few will
 be in the water with the bodies.
 The two are good, but will
 to make fine quality of oil

1st. 1 of age 10000
 58 g. 1 juv - about 37 g
 2nd. 1 of age 10000
 16 g. 1 juv - 2 sps and
 16 g. 1 juv - 2 sps and

is of the same kind as the one in the
 (1) (2) (3) (4) (5) (6) (7) (8) (9) (10) (11) (12) (13) (14) (15) (16) (17) (18) (19) (20) (21) (22) (23) (24) (25) (26) (27) (28) (29) (30) (31) (32) (33) (34) (35) (36) (37) (38) (39) (40) (41) (42) (43) (44) (45) (46) (47) (48) (49) (50) (51) (52) (53) (54) (55) (56) (57) (58) (59) (60) (61) (62) (63) (64) (65) (66) (67) (68) (69) (70) (71) (72) (73) (74) (75) (76) (77) (78) (79) (80) (81) (82) (83) (84) (85) (86) (87) (88) (89) (90) (91) (92) (93) (94) (95) (96) (97) (98) (99) (100) (101) (102) (103) (104) (105) (106) (107) (108) (109) (110) (111) (112) (113) (114) (115) (116) (117) (118) (119) (120) (121) (122) (123) (124) (125) (126) (127) (128) (129) (130) (131) (132) (133) (134) (135) (136) (137) (138) (139) (140) (141) (142) (143) (144) (145) (146) (147) (148) (149) (150) (151) (152) (153) (154) (155) (156) (157) (158) (159) (160) (161) (162) (163) (164) (165) (166) (167) (168) (169) (170) (171) (172) (173) (174) (175) (176) (177) (178) (179) (180) (181) (182) (183) (184) (185) (186) (187) (188) (189) (190) (191) (192) (193) (194) (195) (196) (197) (198) (199) (200) (201) (202) (203) (204) (205) (206) (207) (208) (209) (210) (211) (212) (213) (214) (215) (216) (217) (218) (219) (220) (221) (222) (223) (224) (225) (226) (227) (228) (229) (230) (231) (232) (233) (234) (235) (236) (237) (238) (239) (240) (241) (242) (243) (244) (245) (246) (247) (248) (249) (250) (251) (252) (253) (254) (255) (256) (257) (258) (259) (260) (261) (262) (263) (264) (265) (266) (267) (268) (269) (270) (271) (272) (273) (274) (275) (276) (277) (278) (279) (280) (281) (282) (283) (284) (285) (286) (287) (288) (289) (290) (291) (292) (293) (294) (295) (296) (297) (298) (299) (300) (301) (302) (303) (304) (305) (306) (307) (308) (309) (310) (311) (312) (313) (314) (315) (316) (317) (318) (319) (320) (321) (322) (323) (324) (325) (326) (327) (328) (329) (330) (331) (332) (333) (334) (335) (336) (337) (338) (339) (340) (341) (342) (343) (344) (345) (346) (347) (348) (349) (350) (351) (352) (353) (354) (355) (356) (357) (358) (359) (360) (361) (362) (363) (364) (365) (366) (367) (368) (369) (370) (371) (372) (373) (374) (375) (376) (377) (378) (379) (380) (381) (382) (383) (384) (385) (386) (387) (388) (389) (390) (391) (392) (393) (394) (395) (396) (397) (398) (399) (400) (401) (402) (403) (404) (405) (406) (407) (408) (409) (410) (411) (412) (413) (414) (415) (416) (417) (418) (419) (420) (421) (422) (423) (424) (425) (426) (427) (428) (429) (430) (431) (432) (433) (434) (435) (436) (437) (438) (439) (440) (441) (442) (443) (444) (445) (446) (447) (448) (449) (450) (451) (452) (453) (454) (455) (456) (457) (458) (459) (460) (461) (462) (463) (464) (465) (466) (467) (468) (469) (470) (471) (472) (473) (474) (475) (476) (477) (478) (479) (480) (481) (482) (483) (484) (485) (486) (487) (488) (489) (490) (491) (492) (493) (494) (495) (496) (497) (498) (499) (500) (501) (502) (503) (504) (505) (506) (507) (508) (509) (510) (511) (512) (513) (514) (515) (516) (517) (518) (519) (520) (521) (522) (523) (524) (525) (526) (527) (528) (529) (530) (531) (532) (533) (534) (535) (536) (537) (538) (539) (540) (541) (542) (543) (544) (545) (546) (547) (548) (549) (550) (551) (552) (553) (554) (555) (556) (557) (558) (559) (560) (561) (562) (563) (564) (565) (566) (567) (568) (569) (570) (571) (572) (573) (574) (575) (576) (577) (578) (579) (580) (581) (582) (583) (584) (585) (586) (587) (588) (589) (590) (591) (592) (593) (594) (595) (596) (597) (598) (599) (600) (601) (602) (603) (604) (605) (606) (607) (608) (609) (610) (611) (612) (613) (614) (615) (616) (617) (618) (619) (620) (621) (622) (623) (624) (625) (626) (627) (628) (629) (630) (631) (632) (633) (634) (635) (636) (637) (638) (639) (640) (641) (642) (643) (644) (645) (646) (647) (648) (649) (650) (651) (652) (653) (654) (655) (656) (657) (658) (659) (660) (661) (662) (663) (664) (665) (666) (667) (668) (669) (670) (671) (672) (673) (674) (675) (676) (677) (678) (679) (680) (681) (682) (683) (684) (685) (686) (687) (688) (689) (690) (691) (692) (693) (694) (695) (696) (697) (698) (699) (700) (701) (702) (703) (704) (705) (706) (707) (708) (709) (710) (711) (712) (713) (714) (715) (716) (717) (718) (719) (720) (721) (722) (723) (724) (725) (726) (727) (728) (729) (730) (731) (732) (733) (734) (735) (736) (737) (738) (739) (740) (741) (742) (743) (744) (745) (746) (747) (748) (749) (750) (751) (752) (753) (754) (755) (756) (757) (758) (759) (760) (761) (762) (763) (764) (765) (766) (767) (768) (769) (770) (771) (772) (773) (774) (775) (776) (777) (778) (779) (780) (781) (782) (783) (784) (785) (786) (787) (788) (789) (790) (791) (792) (793) (794) (795) (796) (797) (798) (799) (800) (801) (802) (803) (804) (805) (806) (807) (808) (809) (810) (811) (812) (813) (814) (815) (816) (817) (818) (819) (820) (821) (822) (823) (824) (825) (826) (827) (828) (829) (830) (831) (832) (833) (834) (835) (836) (837) (83

"Turn your back"
"Come ahead"
"Turn" (turn a gear ahead)
"steady" "bring her up" "port"
"slow her down" "your wheel"
"stop her" "in your back"

Fishing - "Drive or ~~blows~~
Boatman goes out ahead
~~close by~~ ~~follows~~ followed by
boats carrying nets. Drive
Boatman indicates direction and
move. If fish is pointing
with oar and when he
sees the fish calls repeatedly
"there they play". When net
is closed the drive boatman
usually goes to opposite side
and holds up net to prevent
fish from bearing down too

land and possibly occupying
in that place. The
Purkin's. Fifth hawk
seen flying with fish in
lotus in lower part of
Bay again today.

Bank Swallow, Two
noted about noon today
just within a foot of
me as I sat in the
"hobby nest" aloft on the
2nd floor, on, near the
middle of the lower part of
the Bay.

Kind of fishing in water

Sept. 21 (Sat)

This morning when 2:30
on dock boat, so we were
outside near Cape Henry - sea
was a bit glassy.

Fish. - Small ruffles on
surface marked location of
many schools of fish, but
they appear to be small and
not worth going after. Finally,
several small schools were
calmly were made and I
went out with the other
driver to turn to use my
camera. When enclosed the
fish were worked around and
I could not find to get
toward the sun and in
these waters with birds
against the net and today
looking.

about 4 feet in
diameter and holds when well
filled about 2500 fish per

Oct. 28 (Tue)

On board "A. Brooke Taylor".

15 a.m. - off ...
... a few miles.
... at
...

High - First haul taken
about 1:30 p.m. - This
morning fish rises and then
... on the
breeze - rippled surface
by little splashes where
they are said to be
"whipping". Last night in
the bay where the water
... were
... with apparent
their entire heads showing
as one looked down upon
... from the "fish's point"

forming yellowish-brown waves
... the individuals ...
... Habit of striking
... the ...
... Boats ...
... in a

Pomfrets. ...
...
...
... Body tail
to ...
...
... 1 ...

... (the ...
...
...
...

about 5' in diameter
and quite they are
quite a variety. On large
water with sometimes a
few can be seen
and some for long

falling off the side of
about 45 oblique of which
to the side of the
line is off coast south of
the main part

On the other side of the
head, in Billy and
in the water a peculiar
grunting or creaking sound

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8-3081

Nyssa aquatica
Sour gum

Liquidambar styraciflua
Siber gum

~~Rhus~~

Schinus molle

Sunach with wuzh petals

Eupatorium - ^{Tanacetum} ~~Fl.~~ Pl.

Tecoma radicans

Trumpet Pl.

Aralia spinosa

Yucca.

Bay tree

Prunus taeda? 3 leaves

Juniperus virg.

leaves

King Fisher.

Great Blue (2)

Little Gr. (2)

X

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Capt. J. M. George
Palmer
Lancaster Co.
Pa.

Capt. J. N. Wilder
Drumington, Va.